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0x90831220 - 0x9083137c

Profile : Chart | x|objc|msgSend | x|vecCGSFill8bY1 | x|vecCGSColorMaskCopyARGB8888

Samples	Address	Code	Cycles	Comment	Source
	0x9083129c	stfd f2,-96(r1)	3:3		
	0x908312a0	stfd f3,-88(r1)	3:3		
	0x908312a4	stfd f4,-80(r1)	3:3		
	0x908312a8	stfd f5,-72(r1)	3:3		
	0x908312ac	stfd f6,-64(r1)	3:3		
	0x908312b0	stfd f7,-56(r1)	3:3		
	0x908312b4	stfd f8,-48(r1)	3:3		
	0x908312b8	stfd f9,-40(r1)	3:3		
	0x908312bc	stfd f10,-32(r1)	3:3		
	0x908312c0	stfd f11,-24(r1)	3:3		
	0x908312c4	stfd f12,-16(r1)	3:3		
	0x908312c8	stfd f13,-8(r1)	3:3		
	0x908312cc	stwu r1,-160(r1)	3:1		
	0x908312d0	lwz r3,0(r3)	3:1		
	0x908312d4	bl \$+524 <_class_lpool	1:1		
	0x908312d8	mr r12,r3	1:1		
	0x908312dc	mtctr r3	*2:2		
	0x908312e0	lwz r1,0(r1)	3:1	Stall=2	
	0x908312e4	lwz r0,8(r1)	3:1	Stall=2	
	0x908312e8	mtlr r0	*2:2	Serializing	
	0x908312ec	lfd f1,-104(r1)	4:1		
	0x908312f0	lfd f2,-96(r1)	4:1		
	0x908312f4	lfd f3,-88(r1)	4:1		
	0x908312f8	lfd f4,-80(r1)	4:1		

13 of 127 samples (10.2%), 1 of 88 instructions (1.1%) selected

0x90831220 0x9083137c

FIG.1

CPU Model: 7450

Samples	Address	Code	Cycles	Comment	Source
3.5%	0x90831220	cmplwi r3, 0x0000	1:1		
	0x90831224	beq \$+292, <obj_c_msgSer	1:1		
5.3%	0x90831228	lwz r12, 0(r3)	3:1	Stall=2, Loop	
14.2%	0x9083122c	lwz r12, 32(r12)	3:1	Stall=1	
13.3%	0x90831230	stw r9, 48(r1)	3:1		
3.5%	0x90831234	lwz r11, 0(r12)	3:1	Stall=1	
	0x90831238	addi r9, r12, 8	1:1		
12.4%	0x9083123c	slwi r11, r11, 2	1:1		
0.9%	0x90831240	and r12, r4, r11	1:1		
2.7%	0x90831244	lwzx r2, r9, r12	3:1	Stall=1, Loop	
	0x90831248	addi r12, r12, 4	1:1		
16.8%	0x9083124c	cmplwi r2, 0x0000	1:1		
	0x90831250	beq \$+36, <obj_c_msgSer	1:1		
0.9%	0x90831254	lwz r0, 0(r2)	3:1	Stall=1	
	0x90831258	and r12, r12, r11	1:1		
15.0%	0x9083125c	cmplw r0, r4	1:1		
	0x90831260	bne \$-28, <obj_c_msgSer	1:1	Loop end[2]	
0.9%	0x90831264	lwz r12, 8(r2)	3:1	Stall=2	
6.2%	0x90831268	mtctr r12	*2:2		
3.5%	0x9083126c	lwz r9, 48(r1)	3:1		

FIG. 2

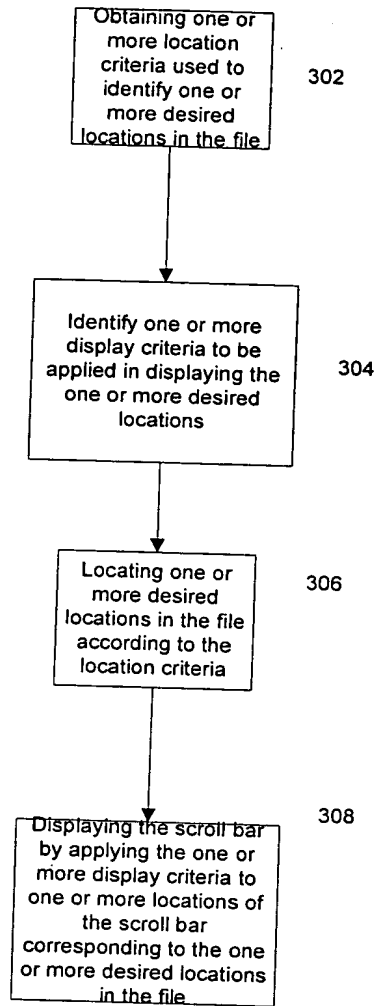


FIG. 3

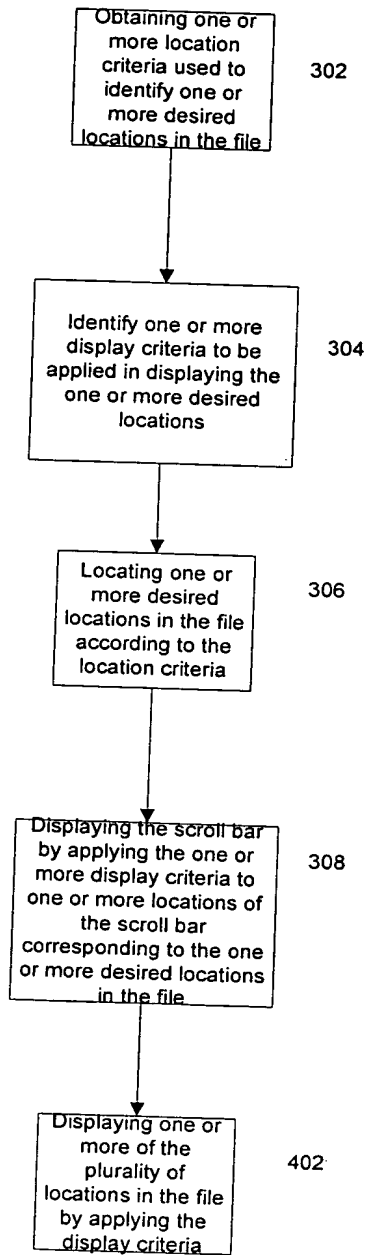


FIG. 4

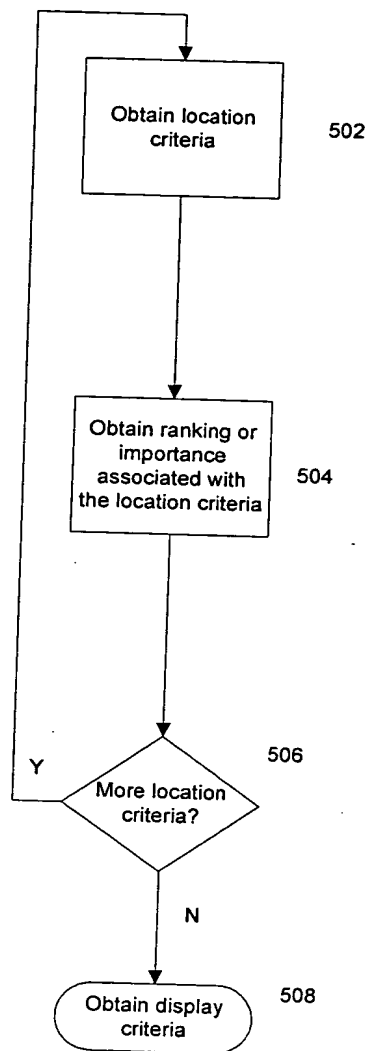
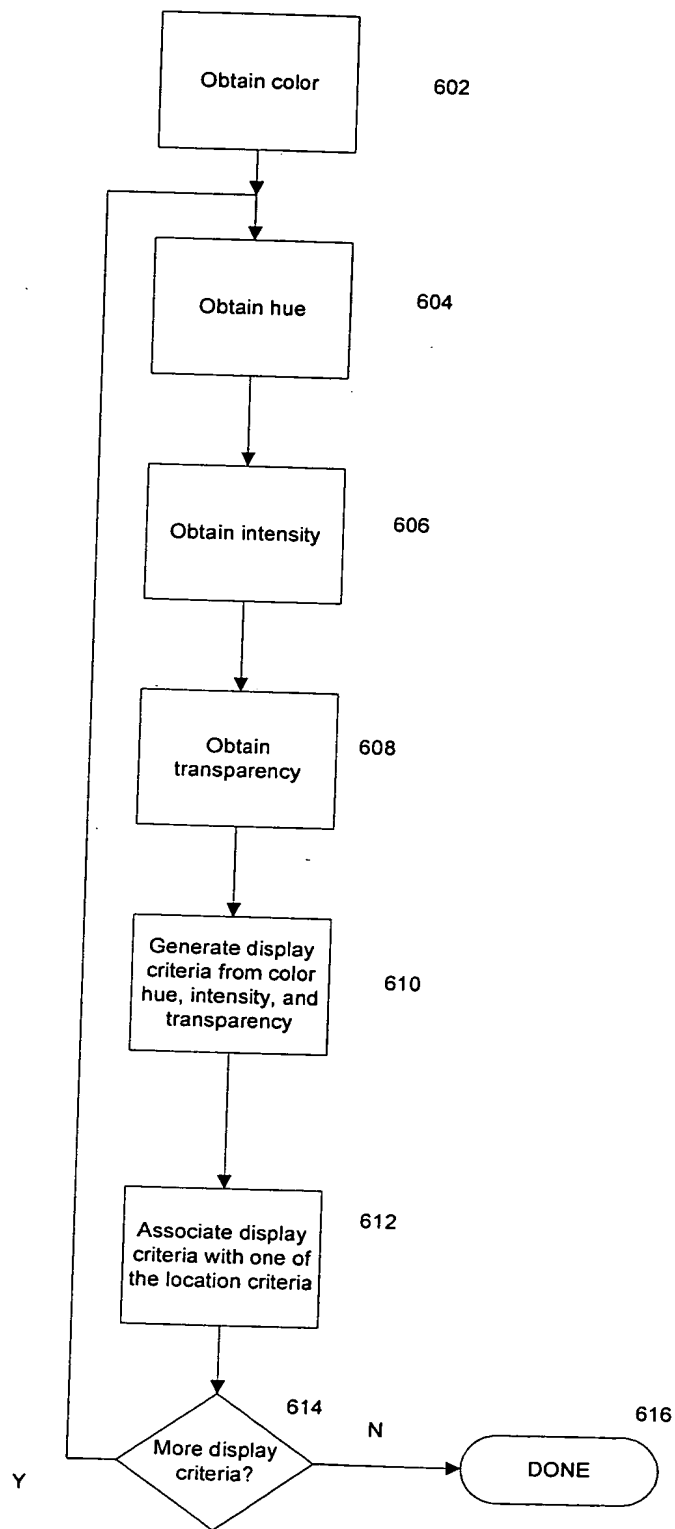


FIG. 5

FIG. 6



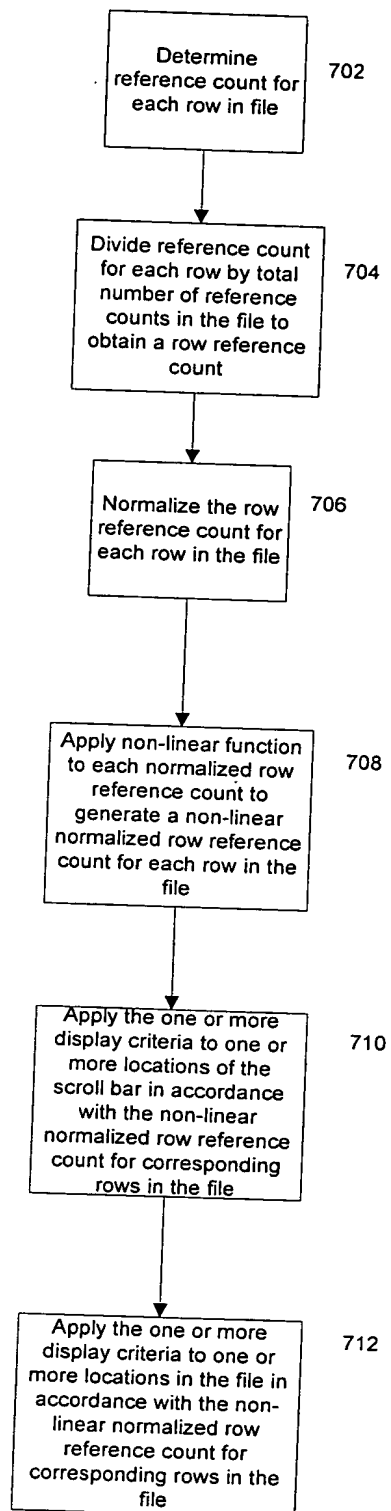
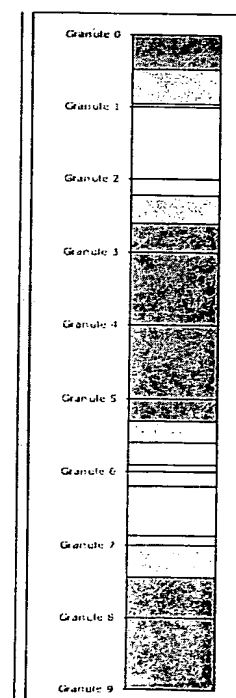
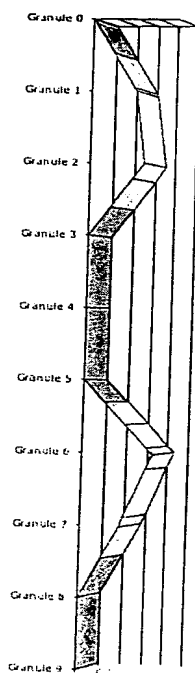


FIG. 7



	Ref Count	Linear	Non-Linear
Granule 0	0	0.00	0.00
Granule 1	4	0.17	0.42
Granule 2	6	0.26	0.51
Granule 3	0	0.00	0.00
Granule 4	0	0.00	0.00
Granule 5	0	0.00	0.00
Granule 6	10	0.43	0.66
Granule 7	3	0.13	0.36
Granule 8	0	0.00	0.00
Granule 9	0	0.00	0.00
Total	23		

FIG. 8



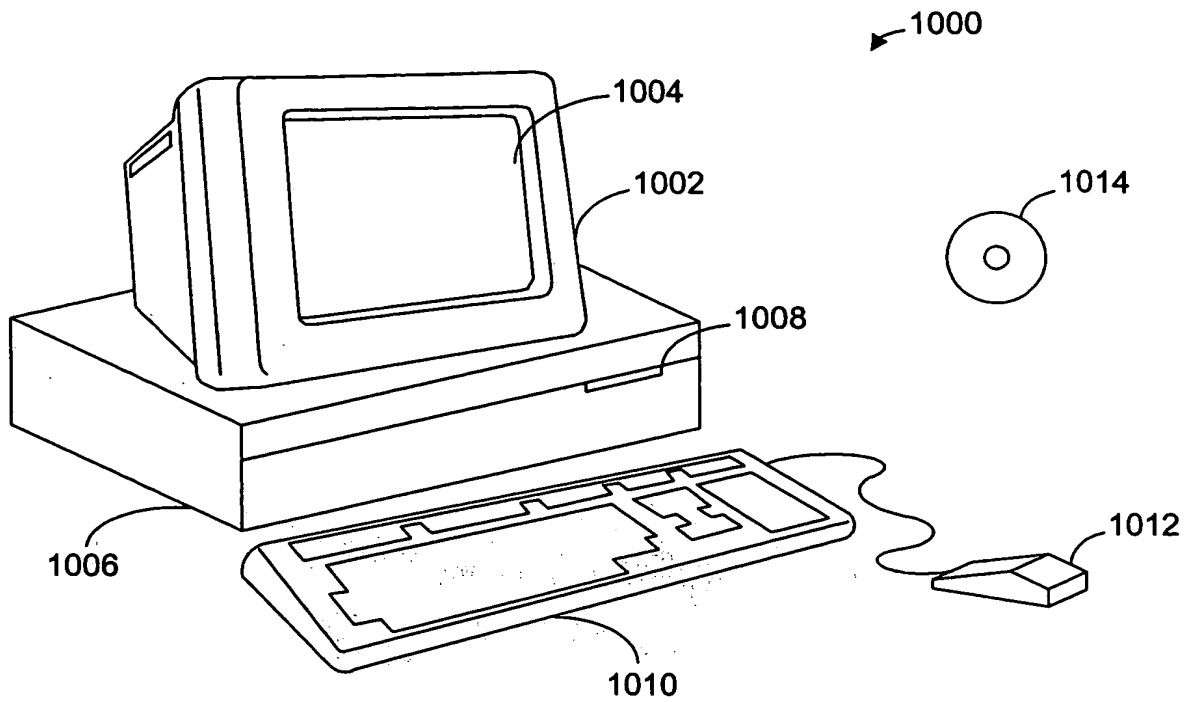


FIG. 9

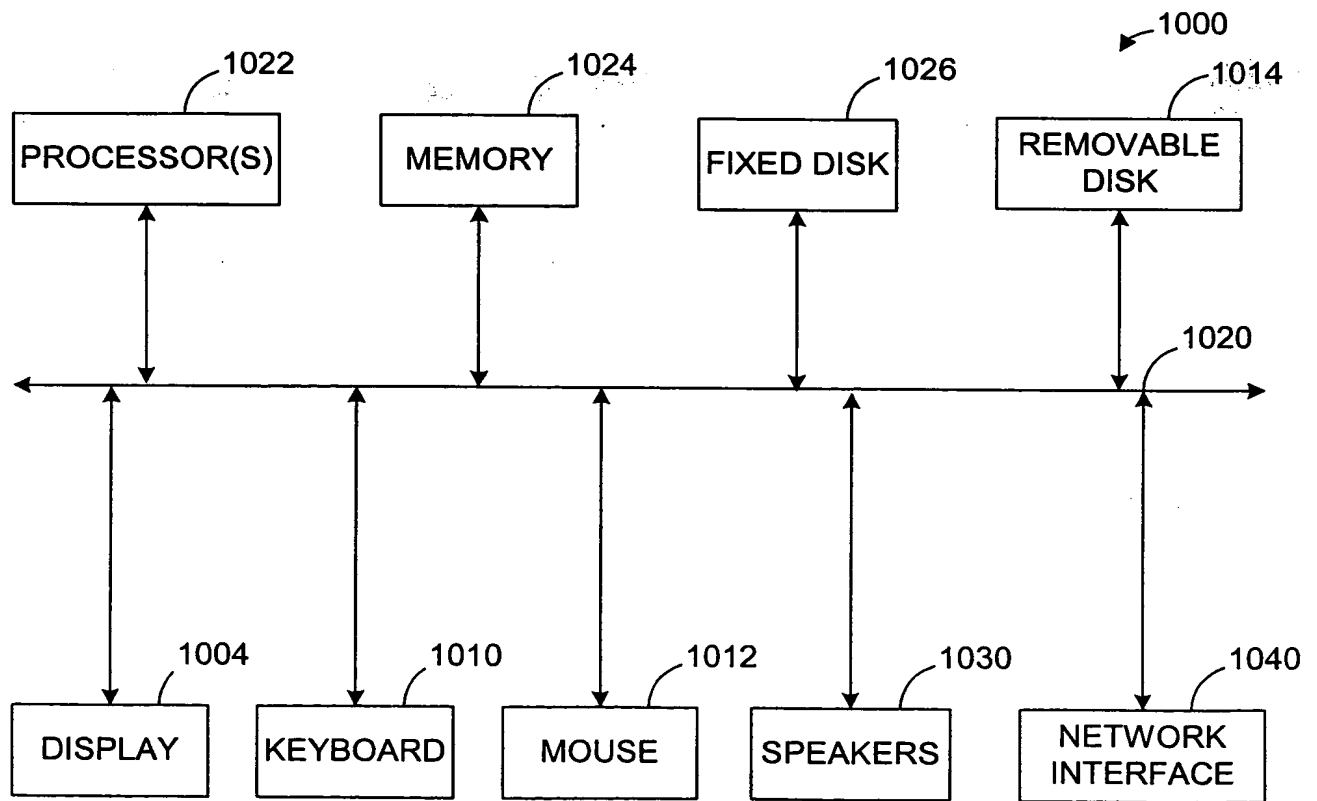


FIG. 10